



POCKET NO.: CRNT-0022

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**James Douglas Mollenkopf et al.**

**Confirmation No.: 5088**

**Application No.: 10/036,914**

**Group Art Unit: 2632**

**Filing Date: December 21, 2001**

**Examiner: Daryl C. Pope**

**For: Facilitating Communication Of Data Signals On Electric Power Systems**

**EXPRESS MAIL LABEL NO: EL999300025 US**  
**DATE OF DEPOSIT: February 4, 2005**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☒ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers 284-371 listed on the attached Form PTO-1449 are enclosed herewith.

- ☒ Copies of reference numbers 169-283 listed on the attached Form PTO 1449 are not required to be submitted pursuant to the waiver of 37 CFR § 1.98(a)(2)(i).

☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

- ☒ The relevance of those listed references which are not in the English language is as follows:

English language abstracts have been provided for those listed references which are not in the English language.

Applicant is uncertain as to the publication date of reference No. 371 listed on the attached Form PTO 1449, however the paper cited appears to have been presented at the 2004 International Symposium on PowerLine Communications and its Applications, Zaragoza, Spain, on March 31-April 2, 2004.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

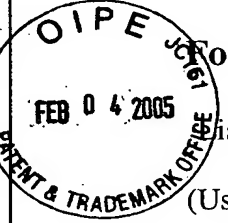
Date: February 4, 2005



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 <p><b>Form PTO-1449 Modified</b></p> <p>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</p> <p>U.S. Department of Commerce Patent and Trademark Office</p>	Docket No. <b>CRNT-0022</b>	Serial No. <b>10/036,914</b>
	Applicant <b>James Douglas Mollenkopf et al.</b>	
	Filing Date <b>December 21, 2001</b>	Group <b>2632</b>

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Examiner Initial		Document No.	Date	Name	Class	Subclass
	169	1,547,242	07/28/25	M. E. Strieby	340	310.03
	170	2,577,731	12/11/51	F.C. Berger	370	293
	171	3,369,078	02/13/68	Stradley	381	2
	172	3,696,383	10/03/72	Oishi et al.	340	310
	173	3,701,057	10-1972	Hoer	333	112
	174	3,846,638	11/05/74	Wetherell	307	3
	175	3,900,842	08-1975	Calabro et al.	340	310.03
	176	3,973,087	08/03/76	Fong	340	310.06
	177	4,004,257	01/18/77	Geissler	333	207
	178	4,017,845	04-1977	Killian et al.	340	310.02
	179	4,053,876	10/11/77	Taylor	340	529
	180	4,250,489	02/10/81	Dudash et al.	340	147 T
	181	4,263,549	04/21/81	Toppeto	324	127
	182	4,359,644	11/16/82	Foord	307	40
	183	4,367,522	01/04/63	Forstbauer et al.	363	137
	184	4,383,243	05/10/83	Krügel et al.	340	310.02
	185	4,386,436	5/1983	Kocher et al.	455	151.4
	186	4,409,542	10/11/83	Becker et al.	324	548
	187	4,413,250	11/01/83	Porter et al.	340	310.01
	188	4,419,621	12/06/83	Becker et al.	324	548
	189	4,471,399	09/11/84	Udren	361	64
	190	4,475,209	10/02/84	Udren	375	214
	191	4,479,033	10/23/84	Brown et al.	455	402
	192	4,504,705	03/12/85	Pilloud	381	77
	193	4,517,548	05/14/85	Ise et al.	340	310.06

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**James Douglas Mollenkopf et al.**Filing Date  
**December 21, 2001**Group  
**2632****U. S. PATENT DOCUMENTS**

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	194	4,599,598	07/08/86	Komoda et al.	340	310.02
	195	4,636,771	01/13/87	Ochs	340	310.05
	196	4,638,298	01/20/87	Spiro	370	392
	197	4,668,934	05/26/87	Shuey	340	310.06
	198	4,701,945	10/20/87	Pedigo	455	402
	199	4,724,381	02/09/88	Crimmins	324	127
	200	4,772,870	09/20/88	Reyes	340	310 R
	201	4,815,106	03-1989	Propp et al.	375	257
	202	4,890,089	12/26/89	Shuey	340	310.07
	203	4,904,996	02/27/90	Fernandes	340	870.07
	204	4,912,553	03/27/90	Pal et al.	725	79
	205	4,962,496	10/09/90	Vercellotti et al.	370	204
	206	5,068,890	11/26/91	Nilssen	379	90
	207	5,132,992	07/21/92	Yurt et al.	375	240
	208	5,151,838	09/29/92	Dockery	340	310 R
	209	5,264,823	11/23/93	Stevens	340	310.04
	210	5,272,462	12/21/93	Teyssandier et al.	340	310.01
	211	5,341,265	08/23/94	Westrom et al.	361	44
	212	5,355,109	10/11/94	Yamazaki, Yasuo	336	92
	213	5,477,091	12/19/95	Fiorina et al.	307	66
	214	5,481,249	01/02/96	Sato	340	2.1
	215	5,537,087	07/16/96	Naito, Akira	336	92
	216	5,568,185	10/22/96	Yoshikazu	348	22
	217	5,592,354	01/07/97	Nocentino, Jr.	361	69
	218	5,748,104	05/05/98	Argyroudis et al.	340	870.11

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	220	5,798,913	08/25/98	Tiesinga et al.	363	21.13
	221	5,801,643	09/01/98	Williams et al.	340	870.02
	222	5,805,458	09/08/98	McNamara et al.	702	60
	223	5,818,821	10/06/98	Schurig	370	293
	224	5,850,114	12-1998	Froidevaux	307	105
	225	5,892,758	04/06/99	Argyroudis	370	335
	226	5,952,914	09/14/99	Wynn	340	310.01
	227	5,994,999	11/30/99	Ebersohl	340	310.01
	228	6,037,857	03/14/00	Behrens et al.	340	310.03
	229	6,121,765	09/19/00	Carlson	323	359
	230	6,130,896	10/10/00	Lueker et al.	370	469
	231	6,141,634	10/31/00	Flint et al.	703	018
	232	6,151,480	11/21/00	Fischer et al.	340	310.01
	233	6,154,488	11/28/00	Hunt	375	219
	234	6,175,860	01/16/01	Gaucher	709	208
	235	6,229,434 B1	05/08/01	Knapp et al.	340	310.01
	236	6,243,413	06/05/01	Beukema	375	222
	237	6,243,571	06/05/01	Bullock et al.	455	402
	238	6,255,805	07/03/01	Papalia et al.	323	207
	239	6,255,935	07/03/01	Lehmann et al.	340	310.07
	240	6,275,144	08/14/01	Rumbaugh	340	310.01
	241	6,300,881	10/09/01	Yee et al.	340	870.02
	242	6,313,738	11/06/01	Wynn	340	310.03
	243	6,335,672	01/01/02	Tumlin et al.	336	175

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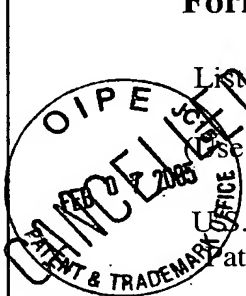
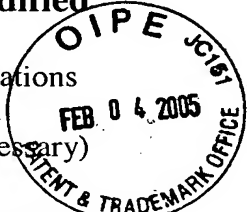
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Group

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	245	6,417,762 B1	07/09/02	Comer	340	310.01
	246	6,449,318	09/10/02	Rumbaugh	375	309
	247	6,492,897 B1	12/10/02	Mowery, Jr.	340	310.01
	248	6,507,573	01/14/03	Brandt et al.	370	335
	249	6,515,485	02/04/03	Bullock et al.	324	601
	250	6,522,626	02/18/03	Greenwood	370	208
	251	6,522,650	02/18/03	Yonge, III et al.	370	390
	252	6,549,120	04/15/03	deBuda	340	310.01
	253	6,577,231	06/10/03	Litwin, Jr. et al.	340	310.01
	254	6,590,493	07/08/03	Rasimas	340	310.01
	255	6,611,134	08/26/03	Chung	324	74
	256	6,624,532	09/23/03	Davidow et al.	307	39
	257	6,646,447	11/11/03	Cern et al.	324	539
	258	6,650,249	11/18/03	Meyer et al.	340	870.02
	259	6,667,685	12-2003	Wasaki et al.	340	310.03
	260	6,668,058	12/23/03	Grimes	379	322
	261	6,683,531	01/27/04	Diamanti et al.	340	310.01
	262	6,686,832	02/03/04	Abraham	340	310.01
	263	6,696,925	02-2004	Aiello, Jr.	340	310.01
	264	6,753,742	06/22/04	Kim et al.	333	24R
	265	6,785,532	08/31/04	Rickard	455	402
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	267	6,788,745	09/07/04	Lim et al.	375	297
	268	6,844,809	01/18/05	Manis et al.	340	310.02

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	269	2001/0045888 A1	11/29/01	Kline	340	310.01
	270	2002/0002040 A1	01/03/02	Kline et al.	455	402
	271	2002/0048368 A1	04/25/02	Gardner	380	277
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	276	2003/0090368 A1	05/15/03	Ide	340	310.06
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	280	2003/0184433 A1	10/02/03	Zalitzky et al.	340	310.06
	281	2003/0232599 A1	12/18/03	Dostert	455	66.1
	282	2004/0001438 A1	01/01/04	Aretz	370	232
	283	2004/0037317 A1	02/26/04	Zalitzky et al.	370	466

EXAMINER	DATE CONSIDERED
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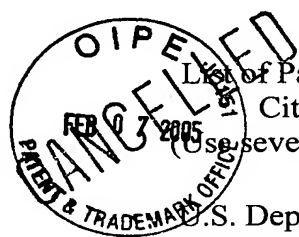


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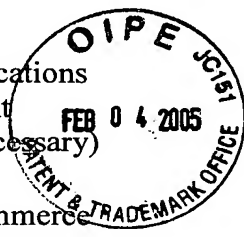
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	284	100 08 602 A1	06/07/01	DE	X abstract & Ind. Claim	
	285	100 12 235 C2	12/20/01	DE	X abstract & Ind. Claim	
	286	100 26 930 C2	01/30/03	DE	X abstract & Ind. Claim	
	287	100 26 931 C2	01/23/03	DE	X abstract & Ind. Claim	
	288	100 42 958 C2	01/16/03	DE	X abstract & Ind. Claim	
	289	100 47 648 A1	04/25/02	DE	X abstract & Ind. Claim	
	290	100 48 348 C2	11/28/02	DE	X abstract & Ind. Claim	
	291	100 59 564 A1	09/12/02	DE	X abstract & Ind. Claim	
	292	100 61 584 A1	06/20/02	DE	X abstract & Ind. Claim	
	293	100 61 586 A1	06/20/02	DE	X abstract & Ind. Claim	
	294	101 00 181 A1	07/18/02	DE	X abstract & Ind. Claim	
	295	101 03 530 A1	08/29/02	DE	X abstract & Ind. Claim	
	296	101 46 982 C1	06/18/03	DE	X abstract & claims	
	297	101 47 913 C1	07/03/03	DE	X abstract & claims	
	298	101 47 915 C1	06/23/03	DE	X abstract & claims	
	299	101 47 916 C1	05/28/03	DE	X abstract & claims	
	300	101 47 918 A1	04/24/03	DE	X abstract & claims	
	301	101 190 039 A1	12/05/02	DE	X abstract & Ind. Claim	
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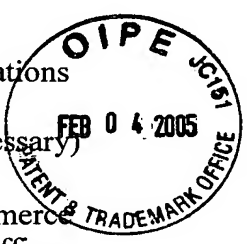
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					YES	NO
	<b>303</b>	0 141 673 A2	05/15/85	EP		
	<b>304</b>	0 822 721 A2, A3	02/04/98	EP	X abstract & Ind. Claim	
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	<b>306</b>	1 043 866 A2, A3	10/11/00	EP	X abstract & Ind. Claim	
	<b>307</b>	1 075 091 A1	02/07/01	EP	X abstract & Ind. Claim	
	<b>308</b>	1 213 849 A1	06/12/02	EP	X abstract & Ind. Claim	
	<b>309</b>	1 217 760 A1	06/26/02	EP	X abstract & Ind. Claim	
	<b>310</b>	1 251 646 A2	10/23/02	EP	X abstract & Ind. Claim	
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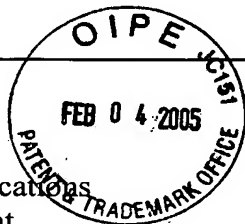
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					YES	NO
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	323	00/16496 A2	03/23/00	WO	X abstract & Claims	
	324	00/60822 A1	10/12/00	WO	X abstract & Claims	
	325	01/08321 A1	02/01/01	WO	X abstract & Ind. Claim	
	326	01/50625, A2, A3	07/12/01	WO	X abstract & Ind. Claim	
	327	01/50628 A1	07/12/01	WO	X abstract & Ind. Claim	
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	339	03/040732 A2	05/15/03	WO	X abstract	
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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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List of Patent and Publications  
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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	<b>341</b>	2004/021600 A1	03/11/04	WO		
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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 344 | LONWORKS Engineering Bulletin, "Demand Side Management with LONWORKS® Power Line Transceivers," <b>December 1996</b> , 36 pages                                                                                                                        |
| 345 | HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, <b>May 19, 2000</b> , 109 pages                                                                                                                                    |
| 346 | HomePlug™Powerline Alliance, HomePlug 0.5 Draft Medium Interface Specification, <b>November 28, 2000</b> , 133 pages                                                                                                                                   |
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